# Draft "Min-bias" Trigger Configuration

General Philosophy is to run a suite of simultaneous triggers, many of which have significant overlap, as the "min-bias" trigger configuration. Pre-scales will be used for individual triggers as deemed appropriate.

Mb-1 = ZDC_E_ADC > thres. + ZDC_W_ADC > thres.                (e.g. prescaled (PS) to ~ 0.5 Hz)

Mb-2 = ZDC_E_ADC > thres. + ZDC_W_ADC > thres. + Blue_filled + Yellow_filled (PS to ~ 0.5 Hz

Mb-3 = Mb-2 + ZDC_TAC_diff in ZD_Window_1 (wide (e.g. ± 2 m))        (PS to ~ 0.5 Hz)

Mb-4 = Mb-2 + ZDC_TAC_diff in ZD_Window_2 (narrow (e.g. ± 40 cm))

Mb-5 = BBC_Es_ADC > thres. + BBC_Ws_ADC > thres. + Blue_filled + Yellow_filled (PS to~ .5 Hz)

Mb-6 = Mb-5 + BBC_TAC_diff in BB_Window_1 (wide (e.g. ± 2 m))        (PS to ~ 0.5 Hz)

Mb-7 = Mb-5 + BBC_TAC_diff in BB_Window_2 (narrow (e.g. ± 35 cm))

Mb-8 = "Zero Bias bit"                                              (PS to ~ 0.2 Hz)

Mb-9 = Mb-2 + pVPD_TAC_diff in VP_Window_1(narrow(e.g. ± 15 cm)